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(21) Application number: **08303305**(22) Date of filing: **14 . 11 . 96**(71) Applicant: **OLYMPUS OPTICAL CO LTD**(72) Inventor: **MARUYAMA ATSUSHI**(54) **SILVER SALT PHOTOGRAPHIC AND ELECTRONIC IMAGE PICKUP CAMERA**

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent the light leakage of the shutter screen of a focal plane shutter or the burning of a shutter blade with a simple structure by guiding a part of a photographic luminous flux to an image pickup element in the middle of the optical path extended to a photographic lens and a movable mirror.

SOLUTION: A photographic lens for forming a subject image is formed of a positive lens 1 and a negative lens 3, a diaphragm mechanism 2 is arranged in the photographic lens, and the diaphragm mechanism 2 is driven by a diaphragm driving circuit 12. In the rear of the negative lens 3, a half mirror 4 is provided, and a part of the subject light reflected by the half mirror 4 is imaged on an image pickup element 15 through an imaging lens system 14. Thus, the subject image taken on a film and the depth of field of the subject image taken in an area sensor are substantially equal to each other. Since no time slippage is caused between the electronic image obtained by an electronic image pickup device and the latent image taken on the film regardless of the presence of a stroboscopic specification, the

subject displayed on a LCD monitor 23 is perfectly conformed to the latent image exposed on the film.

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